UNIFY Harmonize your enterprise

OpenStage M3/M3 Plus
OpenStage M3 Ex/M3 Ex Plus
on HiPath Cordless
Alarm and Emergency Call Configuration

Administrator Documentation

A31003-M2000-M103-2-A9

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1 Introduction

Contents

This chapter covers the following topics:

- Section 1.1, "Overview"
- Section 1.2, "Privacy and data security"
- Section 1.3, "Notational conventions and symbols used"

1.1 Overview

The OpenStage M3 Plus and OpenStage M3 Ex Plus handsets can be used as personal alarm devices with voice communication capability (PNG-S) in Alarm Mode and PNG Mode. Various settings are performed on the handset for this purpose, which enable automatic or manual alerting. An alarm and emergency call function is already available in Basic Mode.

The OpenStage M3 and OpenStage M3 Ex handsets do not have alarm sensors, rather they also have an alarm and emergency call function. The function range corresponds to that of Basic Mode.

An emergency call via an alarm key is possible regardless of selecting and activating an operating mode.

The PNG-S monitors the person and reports an alarm when alarm conditions are detected. The following types of alarms and signals are possible:

- Man Down Alarm:
  The integrated movement sensors identify deviations of approx. 70° from the vertical position of the handset.
- Non Movement Alarm:
  The integrated movement sensors detect immobility of the handset.
- Escape Alarm:
  The integrated movement sensors detect sudden, violent movements of the handset.
- Pull Cord Alarm:
  Removal of a magnetic contact, which is inserted below the handset and can be secured by a cord to the individual, is detected.
- Time Alarm:
  The operator's ability to respond can be controlled through regular operation of the handset. The user is prompted to input something at set times.
- Manual Alarm:
  The user can trigger an alarm by pressing the alarm key.

- Technical Warning Signal:
  The handset detects local technical faults or DPS requests. These are signalled to the user. Example: The handset is out of range or the battery charge is too low. The user can subsequently initiate measures in order to resolve the fault.

A prealarm informs the monitored persons of an impending alarm. The alarm can still be reset during the prealarm time in order to avoid false alarms.

The response time, prealarm time, possibly sensitivity level, alarm signal and alarm destination can be configured for each alarm type.

All settings that are non BGR 139-compliant are not permitted for BGR 139 applications.

1.2 Privacy and data security

This telephone system uses and processes personal data, for example in the case of call detail recording, display messages and customer data recording.

In Germany, the processing and use of such data is subject to various regulations, including those of the Federal Data Protection Law (Bundesdatenschutzgesetz, BDSG). Observe all applicable laws in other countries.

Employees of Unify GmbH & Co. KG are bound to safeguard trade secrets and personal data under the terms of the company's work rules.

A conscientious and responsible approach helps protect data and ensure privacy:

- Use the password features of the system with no exceptions: Change the default password immediately.
- Never give passwords to an unauthorised person, for example in the form of a note.
- Prevent unauthorised persons from gaining access to data media, for example on backup disks or printed reports. This applies to service calls as well as storage and transport.
- Ensure that storage media that are no longer required are completely destroyed. Ensure that no sensitive documents are left unprotected.

1.3 Notational conventions and symbols used

This manual uses the following symbols:

"i" identifies useful information.

Safety notes
Hazard information.

2 Operating modes

The OpenStage M3 Plus and OpenStage M3 Ex Plus handsets can be used as personal alarm devices with voice communication capability (PNG-S).

Depending on the available infrastructure and requirements, different ranges of functions can be defined for the OpenStage M3 Plus and OpenStage M3 Ex Plus handsets, which are grouped under the operating modes Basic Mode (**BM**), Alarm Mode (**AM**) and PNG Mode (**PNG**).

Following input of a service PIN, each operating mode can be configured independently of the others with toggling possible between the different modes.

Contents

This chapter covers the following topics:

- Section 2.1, "Mode dependent functions"
- Section 2.2, "Basic Mode: Availability, alarm and emergency call"
- Section 2.3, "Alarm Mode: Freely configurable monitoring"
- Section 2.4, "PNG Mode: Monitoring in compliance with BGR 139"
- Section 2.4.1, "HiPath PNA (personal alarm system)"

2.1 Mode dependent functions

An overview of the functions with handset and mode dependencies is provided below.

	OpenStage M3 OpenStage M3 Ex	**OpenStage M3 Plus OpenStage M3 Ex Plus**		
Function	**BM (Basic Mode)**	**BM**	**AM**	**PNG**
Emergency call using alarm signal key	X	X	X	X
Signalling technical faults such as out of DECT range, no connection to alarm server	X	X	X	X
Sensory alarms such as Man Down Alarm, Non Movement Alarm, Escape Alarm, Pull Cord Alarm, Time Alarm	-	X	X	X
Function testing of alarm sensors required for mode activation	-	-	X	X

Table 2-1 Function overview

Function	OpenStage M3 OpenStage M3 Ex	OpenStage M3 Plus OpenStage M3 Ex Plus		
	BM (Basic Mode)	BM	AM	PNG
Alarm callback from alarm server on the handset	-	-	X	X
Signalling of technical faults on the handset	X	X	X	X
Signalling of alarms on an alarm server (with acknowledgement by the alarm server)	-	-	X	X
Signalling of alarms on an alarm server (without acknowledgement by the alarm server)	X	X	X	-
Monitoring in compliance with BGR 139	-	-	-	X
Operation via HiPath Cordless Office on a HiPath 3000	X	X	X	-
Operation via HiPath Cordless Enterprise on a HiPath 4000	X	X	X	X
Operation via HiPath Cordless IP on an OpenScape Office/OpenScape Voice	X	X	X	-

Table 2-1 Function overview

2.2 Basic Mode: Availability, alarm and emergency call

Different alarms, including sensory alarms, can be triggered in **Basic Mode** of the OpenStage M3 Plus and OpenStage M3 Ex Plus handsets. An alarm destination entered in the handset can be selected in the event of alarms. Three alarm destinations are possible on the HiPath 3000/4000.

Only **Basic Mode** is available on the OpenStage M3 and OpenStage M3 Ex handsets. Sensory alarms are not possible with these devices.

Emergency calls via the alarm key are possible on all devices, even if no mode is activated.

In order to ensure that alarm calls reach the alarm destination as reliably as possible, the alarm calls are repeated until the configured number of retries has been reached or the alarm retry has been interrupted manually on the handset. Despite alarm retries, it cannot be fully guaranteed that an alarm call will reach the programmed alarm destination.

Note: A call connection **must** be established to enable operation of the second and third emergency call/alarm number when the handset has registered on the HiPath 3000/NextGen/4000. All other systems only support a choice of emergency call or alarm number.

If a prealarm is signalled during a call, you have to first confirm the prealarm in order to prevent the pending alarm. You can then continue the call.

2.3 Alarm Mode: Freely configurable monitoring

All alarms can be freely configured in **Alarm Mode** of the OpenStage M3 Plus and OpenStage M3 Ex Plus handsets. Alarm Mode only works in conjunction with an alarm server.

PNG Mode should be used for BGR 139 compliant configuration.

The alarm parameters can be configured freely. Adjust the handset to your requirements.

Monitoring is activated and deactivated directly via the handset. A function test is performed for the alarm elements when monitoring is activated.

2.4 PNG Mode: Monitoring in compliance with BGR 139

PNG Mode of the OpenStage M3 Plus and OpenStage M3 Ex Plus handsets provides the option of BGR 139-compliant triggering of alarms on a HiPath 4000. Monitoring in compliance with BGR 139 only works in conjunction with an alarm server.

Appropriately trained service personnel are responsible for the BGR 139-compliant configuration of the handset and BGR 139-compliant usage.

This guide describes the options for configuring the handset. Reference is thereby made to the BGR 139-compliant settings.

All settings that are non BGR 139-compliant are not permitted for BGR 139 applications.

Specific handset settings (e.g. Mobilteil-Reset, Basisauswahl, MT anmelden, ...) can be blocked for ordinary users by activating PNG functionality.

If a blocked function is selected, you will be requested to enter a service PIN. The function is only activated if a correct PIN is entered.

2.4.1 HiPath PNA (personal alarm system)

The HiPath alarm system is required for operation in **PNG Mode** and allows operation in compliance with BGR 139. It is based on HiPath Cordless Enterprise CMI 3.0 from KV 415.

The alarm server acts as the control centre for this personal alarm system (PNA system). The alarm server controls and monitors the PNG-S and responds to its messages and alarms. The CLIP information from the setup message at connection setup is required for managing the PNG-S.

The user performs a function test on the sensors prior to activation. Monitoring is activated by the alarm server if the function test has been performed successfully.

Alarm calls from the PNG-S are directed to the configured alarm destination. To ensure that the alarm calls reach the alarm destination, the calls are repeated until an alarm callback from the alarm server has been detected or the configured number of retries has been reached. Nevertheless, it cannot be fully guaranteed that an alarm call will reach the programmed alarm destination. The alarm server therefore also checks the communication paths to the PNG-S and polls the PNG-S cyclically. If there are no responses, the alarm server generates a technical alarm and assistance is deployed. A local alarm is triggered additionally on the PNG-S.

The handset and therefore the person who triggers the alarm can then be located using positioning services. When the alarm has been processed, an alarm signal is emitted on the PNG-S, which serves to further pinpoint the location of the party who triggered the alarm.

The alarm server is responsible for resetting the alarm and disabling monitoring. The alarm server checks in the process whether monitoring can be disabled if necessary. For example the disabling location is checked as a criterion.

2.4.1.1 In alarm status: Callback by HNA

The handset has sent an alarm signal to the PNEZ and is consequently in alarm status. The HNA acknowledges the alarm call with an alarm callback. The handset answers this control call automatically.

The alarm callback allows the events at the alarm location to be monitored at the HNA. The speakerphone function can be used to communicate with the alerting party if necessary.

As an employee at the HNA, make sure to obtain permission to listen in from the monitored person before monitoring.
If individual workplaces are prohibited in the applicable regulations, this ban may not be circumvented with a personal alarm device.

3 Configuration and activation

In order to be able to configure all of the handset's possible alarm and signalling functions in accordance with your requirements, it is important to understand fundamental relationships and concepts.

You should therefore familiarise yourself with the following topics:

- For operating mode features, see Chapter 2, "Operating modes".
- For control ports and alarm destinations, see Chapter 4, "Control ports and alarm destinations".

Contents

This chapter covers the following topics:

- Section 3.1, "Overview"
- Section 3.2, "Configuration menu"

3.1 Overview

The "Additional Features" menu contains all parameters for configuring the alarm and signalling functions.

3.1.1 [Mode] Activation

Use this menu option to manually activate and deactivate the mode configured in the "Configuration" menu and selected in the "Operating Mode" menu. Depending on this, the menu option in **B**asic **M**ode will be called "**BM** Activation", in **A**larm **M**ode "**AM** Activation" or in **PNG** Mode "**PNG** Activation".

When Alarm Mode and PNG Mode are activated, a sensor test is performed first in each case. Only the sensors that are activated in the respective mode are checked. It is only if the test has been concluded successfully that the corresponding Alarm Mode is active.

Manual activation is only possible if this has been activated for the corresponding operating mode. It is also possible to configure automatic activation.
See Section 3.2.1.2, "[Mode] Activation".

If one of the operating modes is active, the monitoring LED above the display flashes green.

Procedure:

When the display is idle, press the centre key three times (central key on the control key) to activate/deactivate.

Alternatively:

1. Select the **Additional Features** icon in the main menu.
2. Select **[Mode] Activation**.

In monitoring mode: Do not remove the battery pack! Removal of the battery pack will result in a technical alarm being triggered in the HNA.

3.1.2 Configuration

You can configure all operating mode parameters in this menu independently of one another as well as define emergency call numbers and change the service PIN. This configuration may only be performed by appropriately trained service personnel.

Service personnel are also responsible for ensuring that the service PIN is set to a secret value before the configured handset is given to the user. See also Section 3.2.3, "Service PIN".

The service PIN must be entered in order to perform the configuration.

Access to the **Configuration** menu is blocked as long as one of the operating modes is active, see Section 3.1.1, "[Mode] Activation".

For more information on this menu please refer to Section 3.2, "Configuration menu".

3.1.3 Operating mode (OpenStage M3 Plus and OpenStage M3 Ex Plus only)

You can select one of the three operating modes **Basic Mode**, **Alarm Mode** or **PNG Mode** in this menu:

- Basic Mode: All sensory alarms are available: Three alarm destinations for sensory alarms can be configured in the same way as for the emergency call. Operation is possible with or without an alarm server.
- Alarm Mode: All sensory alarms forwarded to an alarm server are available.
- PNG Mode: All sensory alarms forwarded to an alarm server in compliance with BGR 139 are available.

This selection may only be performed by appropriately trained service personnel.

The service PIN must be entered in order to change the operating mode.

It is not possible to change the operating mode while one of the operating modes is active, see Section 3.1.1, "[Mode] Activation".

For more information on operating modes please refer to Chapter 2, "Operating modes".

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Operating Mode**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes and confirm with **Selection**.

3.1.4 Display Rotate (OpenStage M3 Plus and OpenStage M3 Ex Plus only)

Use this menu option to activate and deactivate the automatic position-dependent rotation of the information on the display.

When activated, the display is rotated by 180° (upside down) in non movement and call statuses when you move the handset from a vertical to a horizontal position.

This setting is useful if you are wearing the handset on a belt and you would like to see the display in the event of an alarm or call without having to remove the handset from the belt. You can then read the information on the display by simply tilting the handset outwards.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Display Rotate**.

3.2 Configuration menu

The alarming signal parameters that define the alarm response are defined under the **Configuration** menu option. Configuration can be performed here for each operating mode, independently of the other operating modes.

The parameters are described independently of the operating mode. If a parameter is not available in an operating mode, this is noted in the parameter description.

Apart from the alarming signal parameters, emergency numbers can be configured in the **Configuration** menu and the service PIN changed.

3.2.1 Alarm Konfiguration

3.2.1.1 Alarms

The following alarms are supported by the handset:

- Manual Alarm
- Non Movement Alarm
- Man Down Alarm
- Time Alarm
- Escape Alarm
- Pull Cord Alarm

General values are entered for all alarms. Furthermore, parameters are preconfigured for each alarm type, which can be adapted individually however for the corresponding application.

Use PNG Mode for BGR 139-compliant operation and observe the settings prescribed there.
At least one automatic alarm has to be activated here in addition to the manual alarm.
It is not possible to switch off all alarms in PNG Mode.

General Settings

These values are used in general for all alarm types within an operating mode. If an alarm server is available, then only the **Control Port Basic** parameter has to be entered here.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.

3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **General Settings**.
7. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Control Port Basic	BM	-	-
	AM/PNG	(up to 32 digits)	(blank)
Alarm Destination	BM	-	-
	AM/PNG	(up to 32 digits)	(blank)
Alarm Destination 1	BM	(up to 32 digits)	112
	AM/PNG	-	-
Alarm Destination 2	BM	(up to 32 digits)	(blank)
	AM/PNG	-	-
Alarm Destination 3	BM	(up to 32 digits)	(blank)
	AM/PNG	-	-
Alarm Call Count	BM	-	-
	AM	1 ... 99	15
	PNG	1 ... 99	99
Autom. Alarm	BM	On / Off / Off in Charger	On
	AM	On / Off / Off in Charger	On
	PNG	On / Off in Charger	On
Calling Time	BM	0 ... 60 s	30 s
	AM/PNG	-	-
Audio Channel	BM/AM/PNG	Handset mode / Handsfree	Handset mode

Table 3-1 Parameter – General Settings

8. Confirm with **Save**.

Manual Alarm

You can configure all settings here for the manual alarm, in other words for the alarm triggered with the red alarm key.

The red key is assigned for the manual alarm in Alarm Mode and PNG Mode following activation. The numbers configured under the emergency call (Section 3.2.2, "Emergency Call") are selected if no mode is active. The emergency number is overwritten by the alarm server with its own emergency number when the Control Port Basic parameter is entered.

Depending on how the red alarm key is pressed (SP: Shortpress, LP: Longpress), different alarms are signalled and different alarm destinations are dialled.

For more information on alarm destinations please refer to Chapter 4, "Control ports and alarm destinations".

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **Manual Alarm**.
7. Change the values of the following parameters:

	AM/PNG	
Parameters	**Value Range**	**Standard Value**
Alarm Key SP	On/off	On
Alarm Key LP	On/off	On
Alarm Key locked	On/off	Off
Alarm Signal SP	On/off	On
Alarm Signal LP	On/off	Off
Alarm Destination SP	(up to 32 digits)	(blank)
Alarm Destination LP	(up to 32 digits)	(blank)

Table 3-2 Parameter – Manual Alarm

8. Confirm with **Save**.

Wide-ranging solutions are feasible using different configuration options. Example of a silent alarm when the alarm key is pressed and held down (longpress):

Parameters	**Sample Value**
Alarm Key SP	On
Alarm Key LP	On
Alarm Key locked	Off
Alarm Signal SP	On
Alarm Signal LP	Off
Alarm Destination SP	6647201
Alarm Destination LP	6647208

Table 3-3 Parameter – Manual Alarm, example

Non Movement Alarm

The Non Movement Alarm can be activated optionally. It is triggered if the sensors identify lack of movement over a defined configurable period of time.

For more information on alarm destinations please refer to Chapter 4, "Control ports and alarm destinations".

The response time and the prealarm time cannot be added, rather the prealarm time has to be deducted from the response time. For example, a response time of 90 s and prealarm time of 15 s means that the prealarm will be triggered after 75 s and the alarm after 90 s.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **Non Movement Alarm**.
7. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Activation	BM/AM/PNG	On/off	On
Response Time	BM/AM	10 ... 900 s	90 s
	PNG	10 ... 90 s	90 s
Prealarm Time	BM/AM	0 ... 300 s	15 s
	PNG	0 ... 30 s	15 s
Alarm Destination	BM	-[1]	112
	AM/PNG	(up to 32 digits)	(blank)

Table 3-4 Parameter – Non Movement Alarm

1 The alarm destination is the same in Basic Mode of the M3 Plus for all alarms and is entered under "General Settings".

8. Confirm with **Save**.

Man Down Alarm

The Man Down Alarm can be activated optionally. It is triggered if the sensors identify undue tilting of the handset over a defined configurable period of time (i.e. deviation from the vertical position).

For more information on alarm destinations please refer to Chapter 4, "Control ports and alarm destinations".

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **Man Down Alarm**.
7. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Activation	BM/AM/PNG	On/off	On

Table 3-5 Parameter – Man Down Alarm

Parameters	Operating Mode	Value Range	Standard Value
Response Time	BM/AM	10 ... 900 s	90 s
	PNG	10 ... 90 s	90 s
Prealarm Time	BM/AM	0 ... 300 s	15 s
	PNG	0 ... 30 s	15 s
Alarm Destination	BM	-[1]	112
	AM/PNG	(up to 32 digits)	(blank)

Table 3-5 Parameter – Man Down Alarm

1 The alarm destination is the same in Basic Mode of the M3 Plus for all alarms and is entered under "General Settings".

8. Confirm with **Save**.

Time Alarm

The Time Alarm can be activated optionally. It is triggered if a timed alarm is not acknowledged in time by the user.

For more information on alarm destinations please refer to Chapter 4, "Control ports and alarm destinations".

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **Time Alarm**.
7. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Activation	BM/AM/PNG	On/off	Off
Response Time	BM/AM	1 ... 120 min	15 min
	PNG	1 ... 15 min	15 min
Prealarm Time	BM/AM	0 ... 300 s	15 s
	PNG	0 ... 15 s	15 s

Table 3-6 Parameter – Time Alarm

Parameters	Operating Mode	Value Range	Standard Value
Alarm Destination	BM	-[1]	112
	AM/PNG	(up to 32 digits)	(blank)

Table 3-6 Parameter – Time Alarm

1 The alarm destination is the same in Basic Mode of the M3 Plus for all alarms and is entered under "General Settings".

8. Confirm with **Save**.

Escape Alarm

The Escape Alarm can be activated optionally. It is triggered if the sensors identify undue violent movement of the handset over a defined configurable period of time.

For more information on alarm destinations please refer to Chapter 4, "Control ports and alarm destinations".

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **Escape Alarm**.
7. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Activation	BM/AM/PNG	On/off	Off
Response Time	BM/AM	10 ... 900 s	30 s
	PNG	10 ... 90 s	30 s
Prealarm Time	BM/AM	0 ... 300 s	15 s
	PNG	0 ... 30 s	15 s
Empfindlichkeit	BM/AM/PNG	Low / Medium / High	Medium
Alarm Destination	BM	-[1]	112
	AM/PNG	(up to 32 digits)	(blank)

Table 3-7 Parameter – Escape Alarm

1 The alarm destination is the same in Basic Mode of the M3 Plus for all alarms and is entered under "General Settings".

8. Confirm with **Save**.

Pull Cord Alarm

The Pull Cord Alarm can be activated optionally. It is triggered if the pull cord contact (cord) is not detected over a defined configurable period of time, i.e. has been removed.

For more information on alarm destinations please refer to Chapter 4, "Control ports and alarm destinations".

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **Pull Cord Alarm**.
7. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Activation	BM/AM/PNG	On/off	On
Response Time	BM/AM	1 ... 900 s	30 s
	PNG	1 ... 90 s	30 s
Prealarm Time	BM/AM	0 ... 300 s	15 s
	PNG	0 ... 30 s	15 s
Alarm Destination	BM	-[1]	112
	AM/PNG	(up to 32 digits)	(blank)

Table 3-8 Parameter – Pull Cord Alarm

1 The alarm destination is the same in Basic Mode of the M3 Plus for all alarms and is entered under "General Settings".

8. Confirm with **Save**.

Alarm Signal

You can define the acoustic signalling of prealarms and alarms here. The following signals start quietly and reach their configured maximum value after a short time.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarms**.
6. Select **Alarm Signal**.
7. Select **Prealarm** or **Alarming Signal**.
8. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Warning Signal	BM/AM/PNG	On/off	On
Alarm Signal	BM/AM/PNG	Alarm 1 ... 5	Prealarm: Alarm 5 Alarming Signal: Alarm 1
Volume	BM/AM/PNG	1 ... 5	Prealarm: 3 Alarming Signal: 5

Table 3-9 Parameter – Prealarm/Alarming Signal

9. Confirm with **Save**.

3.2.1.2 [Mode] Activation

Specify here how the selected operating mode (see Section 3.1.3, "Operating mode (OpenStage M3 Plus and OpenStage M3 Ex Plus only)") is to be activated (applies for all device types).

If only **Automatic** is activated, the selected operating mode is activated automatically when the handset is removed from the charger and deactivated when the handset is replaced in the charger. If **Manual** is deactivated, the selected operating mode cannot be activated or deactivated manually. Both options can be activated.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **[Mode] Activation**.

6. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Automatic	BM/AM/PNG	On/off	Off
Manual	BM/AM/PNG	On/off	On

Table 3-10 Parameter – [Mode] Activation

7. Confirm with **Save**.

3.2.1.3 Control Ports

The control ports are phone numbers of the alarm server that are used for signalling the states/ events between the handset and the alarm server.

The phone numbers of the control ports are entered automatically in Alarm Mode and PNG Mode if the **Control Port Basic** parameter has been configured in Alarm Mode or PNG Mode. The control ports can then also be modified individually. The three control ports in Basic Mode have to be entered individually.

Basic Mode and Alarm Mode: Alarm Mode can be activated after deleting the **Start**, **NOK** and **Stop** Availability ports without logging on to the alarm server.
The sensor check required in Alarm Mode is then also not performed.

For more information on control ports please refer to Chapter 4, "Control ports and alarm destinations".

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Control Ports**.
6. Change the values of the following parameters:

Control Ports in Basic Mode:

Parameters	Sample Value	Value
Activ. Availability	(up to 32 digits)	(blank)
Availability NOK	(up to 32 digits)	(blank)
Stop Availability	(up to 32 digits)	(blank)

Table 3-11 Parameter – Control Ports in Basic Mode

Control Ports in Alarm/PNG Mode

Parameters	Sample Value	Value
Start Monitoring	(up to 32 digits)	(blank)
Monitoring NOK	(up to 32 digits)	(blank)
Monitoring Off	(up to 32 digits)	(blank)
Alarm Recall-loud	(up to 32 digits)	(blank)
Alarm Recall-quiet	(up to 32 digits)	(blank)
Alarm Recall	(up to 32 digits)	(blank)

Table 3-12 Parameter – Control Ports in Alarm/PNG Mode

7. Confirm with **Save**.

3.2.1.4 Techn. Warning

In case of a technical warning, the handset signals the fault to the user, which the user can reset with **OK**.

The maximum permitted time without a DPS request and the maximum permitted Out of range time can be configured. If the time is exceeded, the warning is triggered. The value 0 disables the respective check.

A DPS request is sent to the handset from the alarm server in order to check the availability of the mobile user.

The DPS function is only supported for operation on a HiPath 4000.

Reception is necessary for voice and data communication between the handset and base stations. If there is no reception, communication is not possible.

Furthermore, the handset checks whether the battery is sufficiently charged. If the battery is not adequately charged, a technical fault is likewise reported. No settings can be made here.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Techn. Warning**.
6. Change the values of the following parameters:

Parameters	Operating Mode	Value Range	Standard Value
Activation	BM/AM/PNG	On/off	On
DPS Request Time	BM/AM/PNG	0 min ... 120 min	2 min
Out of range time	BM/AM/PNG	0 min ... 120 min	2 min
Warning Signal	BM/AM/PNG	On/off	On
Melodies	BM/AM/PNG	Alarm 1 ... 5	Alarm 1
Volume	BM/AM/PNG	1 ... 5	3

Table 3-13 Parameter – Techn. Warning

7. Confirm with **Save**.

3.2.1.5 Adjust Sensor

A complete check and adjustment of the alarm sensors is performed in this menu.

When Alarm Mode and PNG Mode are activated, the sensors for the activated alarms are checked, with the check being started automatically when the mode is activated. No sensor check is started automatically in Basic Mode by activating the mode.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Adjust Sensor**.

6. Keep the handset still in a vertical position and confirm with **OK**.
7. Shake the handset vigorously until the test is successful.
8. Keep the handset still in a vertical position until the test is successful.
9. Press the red alarm key at the top of the handset.
10. Remove the connector with the pull cord from the socket at the lower end of the handset and insert it again.

If the function test fails repeatedly, shut down the phone immediately and send it to the manufacturer.

3.2.1.6 Reset to default

To reprogram a handset, first reset the device to the default settings. All values within the selected operating mode are reset to the default values.

The factory set default values can be referenced in the respective configuration description ("Standardwert" (Default Value) column).

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Reset to default** and confirm with **YES**.

3.2.1.7 Alarm Signal PIN (only in Alarm and PNG Mode)

To prevent the accidental or deliberate disabling of an alarm signal during an alarm, an alarm signal PIN can be set up that must be entered first in order to disable the alarm signal.

Make sure to change the default value "11111" to an individual PIN before handing over handsets.

The alarm signal PIN only applies for Alarm Mode and PNG Mode. If the PIN function is disabled, the alarm signal can be switched off by pressing the on-hook key.

The emergency call can be ended by hanging up.

The emergency call is always disabled if a call connection is successful.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select one of the three operating modes.
5. Select **Alarm Signal PIN**.
6. Change the values of the following parameters:

Parameters	Value Range	Standard Value
PIN	On/off	On
Please enter the alarm signal PIN	(5 digits)	11111

Table 3-14 Parameter – Alarm Signal PIN

7. Confirm with **Save**.

3.2.2 Emergency Call

Emergency numbers can be configured, modified and reset regardless of the alarm destinations configured in accordance with the operating mode. The emergency number is dialled by pressing the red alarm key.

Up to three different emergency numbers can be entered. The cyclical processing of all three emergency numbers is only possible if the base station supports communication of the call status.

Note: A call connection **must** be established to enable operation of the second and third emergency call/alarm number when the handset has registered on the HiPath 3000/NextGen/4000. All other systems only support a choice of emergency call or alarm number.

Note:

- Make sure that the alarm destination is always accessible if possible.
- The possibility that the alarm destination cannot be reached cannot be excluded.
- Make sure that the alerting party is recognised by the alarm destination. Transmission of the caller's number is necessary, for example, in order to identify the alerting party.
- Alarm calls can incur costs.
- Alarm calls can cause annoyance if the alarm destination is set incorrectly.
- When making a call to the public network, make sure to allow a sufficiently long alarm retry time. It is important to ensure that the call duration is adequate to allow the alarm destination to be reached. If necessary, perform test calls.

If an alarm server is used, manually entered emergency numbers may possibly be overwritten by alarm numbers.

3.2.2.1 Emergency Call

Check the emergency call function of the handset following the configuration.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select **Emergency Call**.
5. Select **Configuration**.
6. Change the values of the following parameters:

Parameters	Value Range	Standard Value
Emergency Nr. 1	(up to 32 digits)	112

Table 3-15 Parameter – Emergency Call

Parameters	Value Range	Standard Value
Emergency Nr. 2	(up to 32 digits)	(blank)
Emergency Nr. 3	(up to 32 digits)	(blank)
Calling Time	0 ... 60 s	30 s
Audio Channel	Handset / Handsfree	Handset mode
Emergency Key SP	On/off	On
Emergency Key LP	On/off	On
Emerg. Key Locked	On/off	Off
Emergency Signal SP	On/off	On
Emergency Signal LP	On/off	Off
Melodies	Alarm 1 ... 5	Alarm 1
Volume	1 ... 5	3

Table 3-15 Parameter – Emergency Call

7. Confirm with **Save**.

3.2.2.2 Resetting emergency call configuration to defaults

All values for the emergency call configuration are reset to the default values. The remaining configuration is unchanged.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select **Emergency Call**.
5. Select **Reset to default** and confirm with **YES**.

3.2.3 Service PIN

The service PIN is required for accessing the **Configuration** and **Operating Mode** menus.

Make sure to change the default value "00000" to an individual PIN before handing over handsets.

Procedure:

1. Select the **Additional Features** icon in the main menu.
2. Select **Configuration**.
3. Enter the five-position service PIN and confirm with **OK**.
4. Select **Service PIN**.
5. Enter an individual five-position PIN, repeat the input and confirm with **OK**.

Make sure to note down the newly set PIN. If you forget the PIN, it can only be reset by your service partner for a fee by resetting the handset.

3.3 Exporting and transmitting the configuration

The Firmware Update Tool can be used to export the configuration from devices in the M3 family and transfer it to other devices.

The tool is available on the SWS.

4 Control ports and alarm destinations

Control ports and alarm destinations are phone numbers used for communication between an alarm server and the handset.

Control ports are the phone numbers used for calls from the alarm server to control the handset while alarm destinations are called by the handset in order to report alarms and statuses to the alarm server.

Only three control ports, i.e. **Activ. Availability**, **Availability NOK** and **Stop Availability** are generally used in Basic Mode of the OpenStage M3 Plus and OpenStage M3 Ex Plus handsets and/or for the OpenStage M3 and OpenStage M3 Ex handsets, see Section 3.2.1.3, "Control Ports in Basic Mode:". Alarm destinations that are monitored by the server are not available.

The appropriate control ports and destination numbers are set automatically by the handset in Alarm Mode and PNG Mode of the OpenStage M3 Plus and OpenStage M3 Ex Plus handsets by entering the **Control Port Basic**, see Section 3.2.1.3, "Control Ports in Alarm/PNG Mode".

4.1 Syntax of the control ports and alarm destinations

Abbreviations

QUERKZ: Tue trunk code within PBX for accessing the alarm server.

NWKZ: Central dialling code within the alarm server for accessing the "Personal Alarm" application.

SP: Shortpress

LP: Longpress

4.1.1 Calls to the alarm server

Parameters	**Phone number syntax**
Start Monitoring	QUERKZ + NWKZ + 2
Monitoring Off	QUERKZ + NWKZ + 4
Manual Alarm SP	QUERKZ + NWKZ + 0 + 1
Non Movement Alarm	QUERKZ + NWKZ + 0 + 2
Man Down Alarm	QUERKZ + NWKZ + 0 + 3
Time Alarm	QUERKZ + NWKZ + 0 + 4
Escape Alarm	QUERKZ + NWKZ + 0 + 5

Table 4-1 Phone number syntax – Calls to the alarm server

Parameters	Phone number syntax
Pull Cord Alarm	QUERKZ + NWKZ + 0 + 6
Emergency Nr. 1	QUERKZ + NWKZ + 0 + 7
Manual Alarm LP	QUERKZ + NWKZ + 0 + 8

Table 4-1 Phone number syntax – Calls to the alarm server

4.1.2 Calls from the alarm server

Parameters	Phone number syntax
Confirmation: Start Monitoring	QUERKZ + NWKZ + 2
Response: Monitoring NOK	QUERKZ + NWKZ + 3
Confirmation: Monitoring Off	QUERKZ + NWKZ + 4
Alarm Recall-loud	QUERKZ + NWKZ + 7
Alarm Recall-quiet	QUERKZ + NWKZ + 8
Alarm Recall	QUERKZ + NWKZ + 9

Table 4-2 Phone number syntax – Calls from the alarm server

4.2 Example

Sample values

QUERKZ: 664

NWKZ: 72

Please consult your HiPath technician for the actual values provided.

Parameters	Phone number example	Explanation
Control Port Basic	664 72	Value must be entered
Alarm Destination	664 72 0 0	Will be generated automatically
Start Monitoring	664 72 2	Will be generated automatically
Monitoring NOK	664 72 3	Will be generated automatically
Monitoring Off	664 72 4	Will be generated automatically

Table 4-3 Phone number example

Parameters	Phone number example	Explanation
Alarm Recall-loud	664 72 7	Will be generated automatically
Alarm Recall-quiet	664 72 8	Will be generated automatically
Alarm Recall	664 72 9	Will be generated automatically
Manual Alarm SP	664 72 0 1	Will be generated automatically
Non Movement Alarm	664 72 0 2	Will be generated automatically
Man Down Alarm	664 72 0 3	Will be generated automatically
Time Alarm	664 72 0 4	Will be generated automatically
Escape Alarm	664 72 0 5	Will be generated automatically
Pull Cord Alarm	664 72 0 6	Will be generated automatically
Emergency Nr. 1	664 72 0 7	Will be generated automatically
Manual Alarm LP	664 72 0 8	Will be generated automatically

Table 4-3 Phone number example

5 Response times under VDE 0825

The response times listed in this table must be observed in accordance with BGR 139.

Alarm Type	Response Time	
	PNA	**PNA-S**
Manual personal alarm	≦ 2 s	≦ 30 s for voice traffic, otherwise ≦ 2 s
Prealarm	≦ 15 s	≦ 15 s
Automatic personal alarm, including prealarm:		
• Man Down Alarm	≦ 90 s	≦ 90 s
• Non Movement Alarm	≦ 90 s	≦ 90 s
• Time Alarm	≦ 30 min	≦ 30 min
Automatic personal alarm:		
• Pull Cord Alarm	≦ 30 s	≦ 30 s
• Escape Alarm	≦ 10 s	≦ 30 s
Remark: The prealarm is not mandatory.		

Table 5-1 Response times under VDE 0825

6 Structure of the Additional Features menu

6.1 OpenStage M3/OpenStage M3 Ex

Additional Features	Service PIN	Configuration	Basic Configuration
BM Activation □	Please enter	Basic Mode	BM Activation
Configuration	Service PIN:	Emergency Call	Control Ports
	[**00000**]	Service PIN	Techn. Warning
			Reset to default

Table 6-1 Launching the Additional Features - Configuration - Basic Configuration menu

BM Activation	Control Ports	Techn. Warning	Reset to default
Automatic:	Activ. Availability	Activation:	Reset Base Settings
On **Off**	Sig. Num.: **-------**	**On** Off	to
Manual:	Availability NOK	DPS Request Time:	default?
On Off	Sig. Num.: **------**	**2 min.** (0-120 min.)	No Yes
	Stop Availability	Out of range time	
	Sig. Num.: **------**	**2 min.** (0-120 min.)	
		Warning signal:	
		On Off	
		Melodies **:**	
		Alarm 3 (1-5)	
		Volume 3 (1-5)	

Table 6-2 Additional Features - Configuration - Basic Configuration menu

Emergency Call	Service PIN
Emergency Nr. 1:	Change PIN:
112	Please enter
Emergency Nr. 2:	Service PIN
Emergency Nr. 3:	[- - - - -]
Calling Time:	Re-enter PIN

Table 6-3 Additional Features - Configuration menu

Emergency Call	Service PIN
30 sec. (0-60 sec.)	
Audio Channel:	- - - - -
Handsfr./**Handset**	
Emergency Key:	
Shortpress **On** Off	
Longpress **On** Off	
Emerg. Key Locked:	
On **Off**	
Emergency Sig.:	
Shortpress **On** Off	
Longpress On **Off**	
Melodies: **Alarm1** (1-5)	
Volume 3 (1-5)	

Table 6-3 Additional Features - Configuration menu

General Settings	Non Movement Alarm	Man Down Alarm	Time Alarm
Autom. Alarm:	Activation:	Activation:	Activation:
On Off	**On** Off	**On** Off	**On** Off
Off in	Response Time:	Response Time:	Response Time:
Charger	**90sec.** (10-900 sec.)	**90sec.** (10-900 sec.)	**15 min.** (1-120 min.)
Alarm Destinat. 1:	Prealarm:	Prealarm:	Prealarm:
112	**15sec.** (0-300 sec.)	**15sec.** (0-300 sec.)	**15sec.** (0-300 sec.)
Alarm Destinat. 2:			
Alarm Destinat. 3:			
Calling Time:			
30 sec. (0-60 sec.)			
Audio Channel:			
Handsfr./**Handset**			

Table 6-4 Additional Features - Configuration - Basic Configuration - Alarms menu

6.2 OpenStage M3 Plus/OpenStage M3 Ex Plus

6.2.1 Operating Mode 1: Basic Mode

Additional Features	Service PIN	Configuration	Basic Configuration
BM Activation □	Please enter	1. Basic Mode	Alarms
Configuration	Service PIN:	2. Alarm Mode	BM Activation
Operating Mode	[**00000**]	3. PNG Mode	Control Ports
Display Rotate □		Emergency Call	Techn. Warning
		Service PIN	Adjust Sensor
			Reset to default

Table 6-5 Launching the Additional Features - Configuration - Basic Configuration menu

Additional Features	Service PIN	Operating Mode
BM Activation □	Please enter	1. Basic Mode ■
Configuration	Service PIN:	2. Alarm Mode □
Operating Mode	[**00000**]	3. PNG Mode □
Display Rotate □		

Table 6-6 Launching the Additional Features - Operating Mode menu

Alarms	BM Activation	Control Ports	Techn. Warning
General Settings	Automatic:	Activ. Availability	Activation:
Non Movement Alarm	On **Off**	Sig. Num.: **-------**	**On** Off
Man Down Alarm	Manual:	Availability NOK	DPS Request Time:
Time Alarm	**On** Off	Sig. Num.: **------**	**2 min.** (0-120 min.)
Escape Alarm		Stop Availability	Out of range time
Pull Cord Alarm		Sig. Num.: **------**	**2 min.** (0-120 min.)
Alarm Signal			Warning signal:
			On Off
			Melodies **:**
			Alarm 3 (1-5)

Table 6-7 Additional Features - Configuration - Basic Configuration menu

Alarms	BM Activation	Control Ports	Techn. Warning
			Volume 3 (1-5)

Table 6-7 Additional Features - Configuration - Basic Configuration menu

Adjust Sensor	Reset to default
Please adjust	Reset Base Settings
handset in	to
vertical position	default?
Back OK	No Yes

Table 6-8 Additional Features - Configuration - Basic Configuration menu

Emergency Call	Service PIN
Emergency Nr. 1:	Change PIN:
112	Please enter
Emergency Nr. 2:	Service PIN
Emergency Nr. 3:	[- - - - -]
Calling Time:	Re-enter PIN
30 sec. (0-60 sec.)	
Audio Channel:	- - - - -
Handsfr./**Handset**	
Emergency Key:	
Shortpress **On** Off	
Longpress **On** Off	
Emerg. Key Locked:	
On **Off**	
Emergency Sig.:	
Shortpress **On** Off	
Longpress On **Off**	
Melodies: **Alarm1** (1-5)	
Volume 3 (1-5)	

Table 6-9 Additional Features - Configuration menu

General Settings	Non Movement Alarm	Man Down Alarm	Time Alarm
Autom. Alarm:	Activation:	Activation:	Activation:
On Off	**On** Off	**On** Off	**On** Off
Off in	Response Time:	Response Time:	Response Time:
Charger	**90sec.** (10-900 sec.)	**90sec.** (10-900 sec.)	**15 min.** (1-120 min.)
Alarm Destinat. 1:	Prealarm:	Prealarm:	Prealarm:
112	**15sec.** (0-300 sec.)	**15sec.** (0-300 sec.)	**15sec.** (0-300 sec.)
Alarm Destinat. 2:			
Alarm Destinat. 3:			
Calling Time:			
30 sec. (0-60 sec.)			
Audio Channel:			
Handsfr./**Handset**			

Table 6-10 Additional Features - Configuration - Basic Configuration - Alarms menu

Escape Alarm	Pull Cord Alarm	Alarm Signal
Activation:	Activation:	Prealarm:
On Off	**On** Off	Warning signal:
Response Time:	Response Time:	**On** Off
30sec (10-900 sec)	**30sec** (10-900 sec)	Alarm Signal
Prealarm:	Prealarm:	Alarm 5 (1-X)
15sec. (0-300 sec.)	**15sec.** (0-300 sec.)	Volume 3 **3** (1-5)
Sensitivity Level:		Alarming Signal:
Low **Medium** High		Alarm Signal:
		On Off
		Alarm Signal:
		Alarm 2 (1-5)
		Volume 3 (1-5)

Table 6-11 Additional Features - Configuration - Basic Configuration - Alarms menu

6.2.2 Operating Mode 2: Alarm Mode

Additional Features	Service PIN	Configuration	Alarm Configuration
BM Activation □	Please enter	1. Basic Mode	Alarms
Configuration	Service PIN:	2. Alarm Mode	AM Activation
Operating Mode	[**00000**]	3. PNG Mode	Control Ports
Display Rotate □		Emergency Call	Techn. Warning
		Service PIN	Adjust Sensor
			Reset to default
			Alarm Signal PIN

Table 6-12 Launching the Additional Features - Configuration - Alarm Configuration menu

Additional Features	Service PIN	Operating Mode
BM Activation □	Please enter	1. Basic Mode □
Configuration	Service PIN:	2. Alarm Mode ■
Operating Mode	[**00000**]	3. PNG Mode □
Display Rotate □		

Table 6-13 Launching the Additional Features - Operating Mode menu

Alarms	AM Activation	Control Ports	Techn. Warning
General Settings	Automatic:	Start Monitoring:	Activation:
Manual Alarm	On **Off**	Sig. Num.: **--------**	**On** Off
Non Movement Alarm	Manual:	Monitoring NOK:	DPS Request Time:
Man Down Alarm	**On** Off	Sig. Num.: **--------**	**2 min.** (0-120 min.)
Time Alarm		Stop Monitoring:	Out of range time
Escape Alarm		Sig. Num.: **--------**	**2 min.** (0-120 min.)
Pull Cord Alarm		Alarm Recall-loud:	Warning signal:
Alarm Signal		Sig. Num.: **--------**	**On** Off
		Alarm Recall-quiet:	Melodies **:**
		Sig. Num.: **--------**	**Alarm 3** (1-5)
		Alarm Recall-disc:	**Volume 3** (1-5)

Table 6-14 Additional Features - Configuration - Alarm Configuration menu

Alarms	AM Activation	Control Ports	Techn. Warning
		Sig. Num.: **--------**	

Table 6-14 Additional Features - Configuration - Alarm Configuration menu

Adjust Sensor	Reset to default	Alarm Signal PIN
Please adjust	Reset Base Settings	Alarm Signal PIN:
handset in	to	PIN: **On** Off
vertical position	default?	Please enter
Back OK	No Yes	Alarm Signal PIN
		[**11111**]

Table 6-15 Additional Features - Configuration - Alarm Configuration menu

Emergency Call	Service PIN
Emergency Nr. 1:	Change PIN:
112	Please enter
Emergency Nr. 2:	Service PIN
Emergency Nr. 3:	[- - - - -]
Calling Time:	Re-enter PIN
30 sec. (0-60 sec.)	
Audio Channel:	- - - - -
Handsfr./**Handset**	
Emergency Key:	
Shortpress **On** Off	
Longpress **On** Off	
Emerg. Key Locked:	
On **Off**	
Emergency Sig.:	
Shortpress **On** Off	
Longpress On **Off**	
Melodies: **Alarm1** (1-5)	

Table 6-16 Additional Features - Configuration menu

Emergency Call	Service PIN
Volume 3 (1-5)	

Table 6-16 Additional Features - Configuration menu

General Settings	Manual Alarm	Non Movement Alarm	Man Down Alarm
Control Port Basic:	Alarm Key:	Activation:	Activation:
--------	Shortpress **On** Off	**On** Off	**On** Off
Alarm Destination:	Longpress **On** Off	Response Time:	Response Time:
--------	Alarm Key locked:	**90sec.** (10-900 sec.)	**90sec.** (10-900 sec.)
Alarm Call Count:	On **Off**	Prealarm:	Prealarm:
15 (2..99)	Alarm Signal:	**15sec.** (0-300 sec.)	**15sec.** (0-300 sec.)
Autom. Alarm:	Shortpress **On** Off	Alarm Destination:	Alarm Destination:
On Off	Longpress On **Off**	**--------**	**--------**
Off in	Alarm Destination:		
Charger	Shortpress **--------**		
Audio Channel:	Longpress **--------**		
Handsfr./**Handset**			

Table 6-17 Additional Features - Configuration - Alarm Configuration - Alarms menu

Time Alarm	Escape Alarm	Pull Cord Alarm	Alarm Signal
Activation:	Activation:	Activation:	Prealarm:
On Off	**On** Off	**On** Off	Warning signal:
Response Time:	Response Time:	Response Time:	**On** Off
15 min. (1-120 min.)	**30sec** (10-900 sec)	**30sec** (10-900 sec)	Alarm Signal
Prealarm:	Prealarm:	Prealarm:	**Alarm 5** (1-5)
15sec. (0-300 sec.)	**15sec.** (0-300 sec.)	**15sec.** (0-300 sec.)	**Volume 3** (1-5)
Alarm Destination:	Sensitivity Level:	Alarm Destination:	Alarming Signal:
--------	Low **Medium** High	**--------**	Alarm Signal:
	Alarm Destination:		**On** Off
	--------		Alarm Signal:

Table 6-18 Additional Features - Configuration - Alarm Configuration - Alarms menu

Time Alarm	Escape Alarm	Pull Cord Alarm	Alarm Signal
			Alarm 1 (1-5)
			Volume 5 (1-5)

Table 6-18 Additional Features - Configuration - Alarm Configuration - Alarms menu

6.2.3 Operating Mode 3: PNG Mode

Additional Features	Service PIN	Configuration	PNG Configuration
PNG Activation □	Please enter	1. Basic Mode	Alarms
Configuration	Service PIN:	2. Alarm Mode	PNG Activation
Operating Mode	[**00000**]	3. PNG Mode	Control Ports
Display Rotate □		Emergency Call	Techn. Warning
		Service PIN	Adjust Sensor
			Reset to default
			Alarm Signal PIN

Table 6-19 Launching the Additional Features - Configuration - PNG Configuration menu

Additional Features	Service PIN	Operating Mode
PNG Activation □	Please enter	1. Basic Mode □
Configuration	Service PIN:	2. Alarm Mode □
Operating Mode	[**00000**]	3. PNG Mode ■
Display Rotate □		

Table 6-20 Launching the Additional Features - Operating Mode menu

Alarms	PNG Activation	Control Ports	Techn. Warning
General Settings	Automatic:	Start Monitoring:	Activation:
Manual Alarm	On **Off**	Sig. Num.: **--------**	**On** Off
Non Movement Alarm	Manual:	Monitoring NOK:	DPS Request Time:
Man Down Alarm	**On** Off	Sig. Num.: **--------**	**2 min.** (0-120 min.)
Time Alarm		Stop Monitoring:	Out of range time
Escape Alarm		Sig. Num.: **--------**	**2 min.** (0-120 min.)

Table 6-21 Additional Features - Configuration - PNG Configuration menu

Alarms	PNG Activation	Control Ports	Techn. Warning
Pull Cord Alarm		Alarm Recall-loud:	Warning signal:
Alarm Signal		Sig. Num.: **--------**	**On** Off
		Alarm Recall-quiet:	Melodies **:**
		Sig. Num.: **--------**	**Alarm 3** (1-5)
		Alarm Recall-disc:	**Volume 3** (1-5)
		Sig. Num.: **--------**	

Table 6-21 Additional Features - Configuration - PNG Configuration menu

Adjust Sensor	Reset to default	Alarm Signal PIN
Please adjust	Reset Base Settings	Alarm Signal PIN:
handset in	to	PIN: **On** Off
vertical position	default?	Please enter
Back OK	No Yes	Alarm Signal PIN
		[**11111**]

Table 6-22 Additional Features - Configuration - PNG Configuration menu

Emergency Call	Service PIN
Emergency Nr. 1:	Change PIN:
112	Please enter
Emergency Nr. 2:	Service PIN
Emergency Nr. 3:	[- - - - -]
Calling Time:	Re-enter PIN
30 sec. (0-60 sec.)	
Audio Channel:	- - - - -
Handsfr./**Handset**	
Emergency Key:	
Shortpress **On** Off	
Longpress **On** Off	
Emerg. Key Locked:	
On **Off**	

Table 6-23 Additional Features - Configuration menu

Emergency Call	Service PIN
Emergency Sig.:	
Shortpress **On** Off	
Longpress On **Off**	
Melodies: **Alarm1** (1-5)	
Volume 3 (1-5)	

Table 6-23 Additional Features - Configuration menu

General Settings	Manual Alarm	Non Movement Alarm	Man Down Alarm
Control Port Basic:	Alarm Key:	Activation:	Activation:
--------	Shortpress **On** Off	**On** Off	**On** Off
Alarm Destination:	Longpress **On** Off	Response Time:	Response Time:
--------	Alarm Key locked:	**90sec.** (10-90 sec.)	**90sec.** (10-90 sec.)
Alarm Call Count:	On **Off**	Prealarm:	Prealarm:
99 (2..99)	Alarm Signal:	**15sec.** (0-30 sec.)	**15sec.** (0-30 sec.)
Autom. Alarm:	Shortpress **On** Off	Alarm Destination:	Alarm Destination:
On Off	Longpress On **Off**	**--------**	**--------**
Off in	Alarm Destination:		
Charger	Shortpress **--------**		
Audio Channel:	Longpress **--------**		
Handsfr./**Handset**			

Table 6-24 Additional Features - Configuration - PNG Configuration - Alarms menu

Time Alarm	Escape Alarm	Pull Cord Alarm	Alarm Signal
Activation:	Activation:	Activation:	Prealarm:
On Off	**On** Off	**On** Off	Warning signal:
Response Time:	Response Time:	Response Time:	**On** Off
15 min. (1-15 min.)	**30sec** (10-30 sec)	**30sec** (10-30 sec)	Alarm Signal
Prealarm:	Prealarm:	Prealarm:	**Alarm 5** (1-5)

Table 6-25 Additional Features - Configuration - PNG Configuration - Alarms menu

Time Alarm	Escape Alarm	Pull Cord Alarm	Alarm Signal
15sec. (0-15 sec.)	**15sec.** (0-15 sec.)	**15sec.** (0-15 sec.)	**Volume 3** (1-5)
Alarm Destination:	Sensitivity Level:	Alarm Destination:	Alarming Signal:
--------	Low **Medium** High	**--------**	Alarm Signal:
	Alarm Destination:		**On** Off
	--------		Alarm Signal:
			Alarm 1 (1-5)
			Volume 5 (1-5)

Table 6-25 Additional Features - Configuration - PNG Configuration - Alarms menu

Abbreviations

The following list explains the abbreviations used in this manual.

Abbreviation	Definition
BGR	Berufsgenossenschaftliche Regelung (Workplace Guidelines)
CLIP	Calling Line Identification Presentation
CMI	Cordless Multicell Integration
DECT	Digital Enhanced Cordless Telecommunications
DPS	DECT Positioning System
HNA	HiPath Notsignal-Anlage (HiPath alarm system)
NOK	Not OK
PNA	Personen-Notsignal-Anlage (personal alarm system)
HNA	HiPath PNA
PNA Service	Service personnel with responsibility for the PNA system
PNG	Personen-Notsignal-Gerät (personal alarm device)
PNG-S	Personal alarm device with voice communication capability (in this case: designation for the handset if it works with an alarm server)

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